

			<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>			3a. ISSUED BY:				
						Office of Naval Research 875 N. Randolph Street Suite 1425 Arlington VA 22203-1995				
4. AWARD NO.: N00014-18-1-2679			1. INSTRUMENT TYPE: Grant Award			3b. CFDA: 12.300				
			2. AUTHORITY: 10 USC 2358 and 31 USC 6304, as amended			3c. DUNS NUMBER: 009584210				
8. ACTIVITY/AGENCY PROPOSAL NO.:			5. MODIFICATION NO.:		6. MODIFICATION TYPE: NEW		7. PR NO.: 1000009786			
9. RECIPIENT PROPOSAL NO.:			10. PROPOSAL DATE: 04/09/2018			11. ACTIVITY TYPE: R&D		12. PROGRAM TYPE: ONR		
13. ISSUED TO 13a. ADDRESS:		13b. CAGE: 80707		13c. EDI/EFT NUMBER: N/A		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as Block # 13				
CALIFORNIA INSTITUTE OF TECHNOLOGY CALTECH 1200 E CALIFORNIA BLVD PASADENA CA 91125-0001 UNITED STATES OF AMERICA										
13d. BUSINESS OFFICE CONTACT: Montel Rudolph										
13e. TELEPHONE NUMBER: 626-395-4910		13f. EMAIL ADDRESS: montel.rudolph@caltech.edu								
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: A Strategy for Fabricating Room-Temperature Cuprate Superconductors										
16. FUNDING						17. CURRENT FUNDING PERIOD				
PREVIOUSLY OBLIGATED:						N/A THROUGH N/A				
OBLIGATED BY THIS ACTION:						18. PERIOD OF PERFORMANCE 09/01/2018 THROUGH 08/31/2021				
TOTAL OBLIGATED ON AWARD:										
FUTURE FUNDING:										
GRANT TOTAL:										
19. ACCOUNTING AND APPROPRIATION DATA: See Attached Financial Accounting Data Sheet(s)										
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: Carver Mead				21. TECHNICAL REPRESENTATIVE			21b. CODE:			
				21a. NAME: HAROLD COOMBE			331			
				21c. ADDRESS: ONR SHIP SYSTEMS & ENGINEERING DIV 875 N. Randolph Street Arlington VA 22203-1995						
20b. TELEPHONE NUMBER: 626-395-2814		20c. EMAIL ADDRESS: carver@caltech.edu		21d. TELEPHONE NUMBER: 7036961291			21e. EMAIL ADDRESS: HAROLD.COOMBE@NAVY.MIL			
22. AWARDDING OFFICE CONTACT			22b. CODE:		23a. ADMINISTRATIVE OFFICE: ONR REG Office San Diego Telephone: (619) 221-5490 Email: ONR_San_Diego@navy.mil 140 Sylvester Road, Bldg. 140 Room 218 SAN DIEGO CA 92106			23b. CODE:		
22a. NAME: ERNEST L MARSHALL			BD025					N66018		
22c. ADDRESS: Office of Naval Research 875 N. Randolph Street, Suite 1425 Arlington, VA 22203-1995										
22d. TELEPHONE NUMBER:		22e. EMAIL ADDRESS: ERNEST.MARSHALL@NAVY.MIL								
24. SUBMIT PAYMENT REQUEST TO: Same as block 23a			25a. PAYING OFFICE DFAS-CO/WEST ENTITLEMENT OPERATIONS HQ0339 PO Box 182381 COLUMBUS OH 43218		25b. CODE: HQ0339		26a. PATENT OFFICE:		26b. CODE: N00014	
						Office of Naval Research ATTN: ONR Office of Counsel Intellectual Property Section One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995				

AWARD NO. N00014-18-1-2679		<b>AWARD/MODIFICATION</b>		MODIFICATION NO.		
27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5						
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>						
This award provides full delegation to the administrative office in Block 23 of the grant. Full delegation includes the functions described in the DoDGARs at 32 CFR 22.715 and the administrative grants officer functions related to payments described in 32 CFR 22.810.						
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.						
DOCUMENT				URL		
The following documents may be found at : <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a> DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (SEPT 2017)  UAWA AWARD A (SEP 2017) ADDENDUM TO THE DOD R&D GENERAL TERMS AND CONDITIONS AND ONR PROGRAMMATIC REQUIREMENTS - DOMESTIC RESEARCH (MAY 2018)						
30. OPTIONS      OPTION NO.                      AMOUNT                      PERIOD (1) (2) (3) (4)						
31. REPORTS: The reporting requirements under this award are specified in the articles of part 5 (Financial, Programmatic, and Property Reporting) to the DoD R&D general Terms and Conditions and in the additional language for Part 5 in the ONR Addendum to the DoD R&D General Terms and Conditions.						
32. FOR THE RECIPIENT				33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN				33a. SIGNATURE OF AWARING OFFICER Digitally signed by VANESSA SEYMOUR 1061137463 Dated: 2018.06.06 11:49:20 EST		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER		33c. DATE SIGNED
				VANESSA SEYMOUR		06/06/2018

## FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2679			2. SPIIN (CRITICAL)		3. MOD (CRITICAL)			4. PR NUMBER 1000009786									
CLIN/SLIN	6. LINE OF ACCOUNTING													7.  AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN	
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE						
											PROJ UNIT	MCC	PDLI & SUF				
	AA	1781319	W1AE	410	00	014	0	050120	2D	000000	000024	175	105	\$61,444.00			
PAGE TOTAL														\$61,444.00			
GRAND TOTAL														\$61,444.00			
PREPARED/AUTHORIZED BY:						COMPTROLLER APPROVAL:											
DATE:						FOR FISCAL DATA AND SIGNATURE											
						BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED											
DATE:						DATE:											

## FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2679		2. SPIIN (CRITICAL)		3. MOD (CRITICAL)		4. PR NUMBER 1000009786		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7.  ACCOUNTING CITATION				8.  AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN
						PAGE TOTAL		
						GRAND TOTAL		
PREPARED/AUTHORIZED BY:			COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE					
DATE:			BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED					
			DATE:					

AWARD NO. N00014-18-1-2679	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO.	
<p>The Following payment instructions are hereby provided:</p> <p>Payment Office:</p> <p>The payment office shall make payment in sequential ACRN order within the award, exhausting all funds in the previous ACRN before paying from the next ACRN using the following sequential order: alpha/alpha; alpha/numeric; numeric/alpha; and numeric/numeric ACRN sequence...</p> <p>..</p> <p>Grantee:</p> <p>Payment guides are available on the ONR website at the following link: <a href="http://www.onr.navy.mil/Contracts-Grants/manage-grant/grants-payment/electronic-payment.aspx">http://www.onr.navy.mil/Contracts-Grants/manage-grant/grants-payment/electronic-payment.aspx</a>..</p> <p>..</p> <p>Reports</p> <p>Block 31 of this award form, including any information in the header and underlying rows of that block, is hereby deleted in its entirety and replaced by the following language: "The reporting requirements under this award are specified in the articles of Part 5 (Financial, Programmatic, and Property Reporting) to the DoD R&amp;D General Terms and Conditions and in the additional language for Part 5 in the ONR Addendum to the DoD R&amp;D General Terms and Conditions".</p>			